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PCT

МЕЖДУНАРОДНАЯ ЗАЯВКА, ОПУБЛИКОВАННАЯ В СООТВЕТСТВИИ С ДОГОВОРОМ О ПАТЕНТНОЙ КООПЕРАЦИИ (PCT)

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(57) Abstract

The present invention relates to a method that involves during the access [illegible] or electrodes to the column electrodes of a screen, additionally supplying a reference voltage Vo located between voltages having a different sign relative to Vo as well as voltages having a different sign relative to Vo and a constant duration. The different–sign levels are located at the limits of the interval Tr and said levels are arranged in Tr according to the following order: in the adjacent Tr, in the adjacent column busses, in the adjacent frames. The method also involves shifting the voltage pulses for the groups of column electrodes (Fig. 21). The control device includes a unit of transistors having output resistance values which are close to each other. The method also involves applying to the screen electrodes compensation voltages that do not depend on the subject of the image. The shape of the control pulses provides for an automatic compensation of the parasitic changes in the pixel brightness. In order to provide a two–row access, the method involves generating column voltages having a main component and an equalising component. The row and column voltages are determined by the equations $|Vro|\sqrt{1-\eta}$ and $|Vco|\sqrt{1+\eta}$ in which η is a voltage adjustment parameter. The Nmax value of the screen is at least equal to the Nmaxo number which is defined by a type of control diagram.